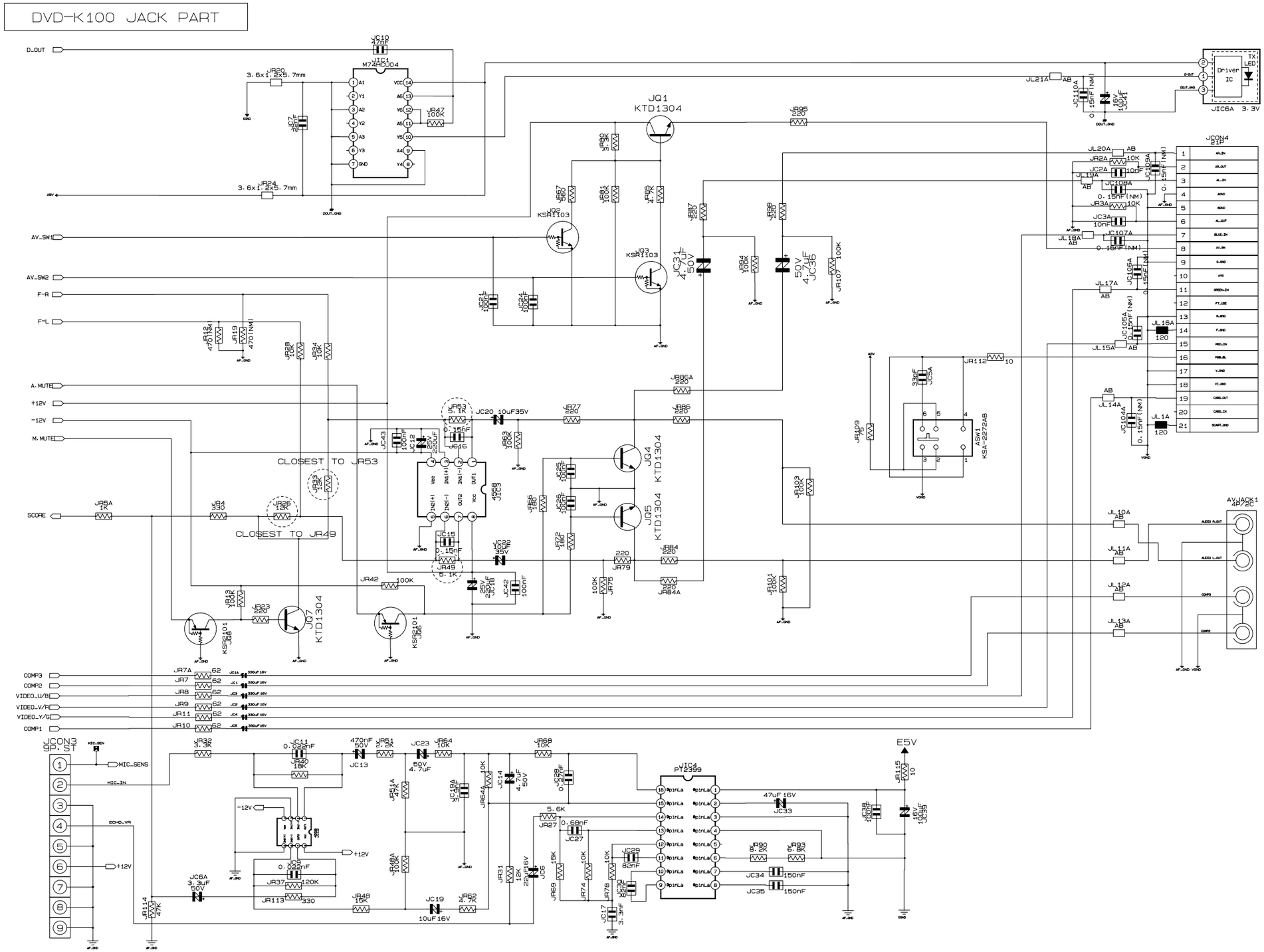
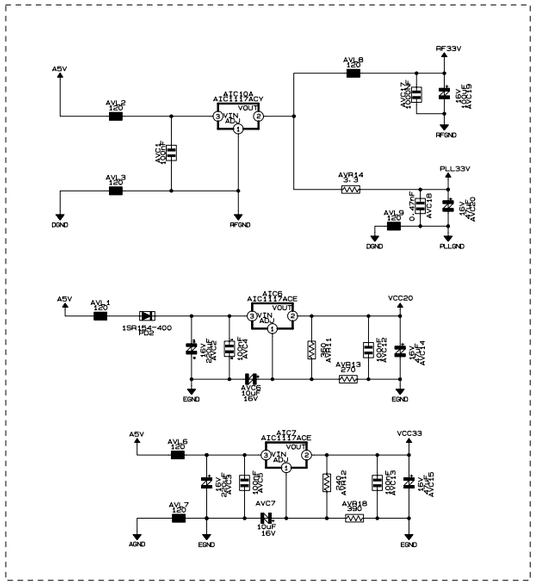
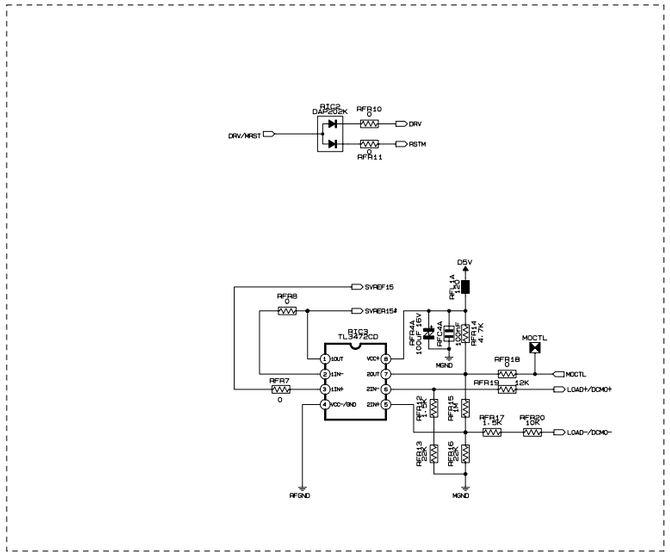
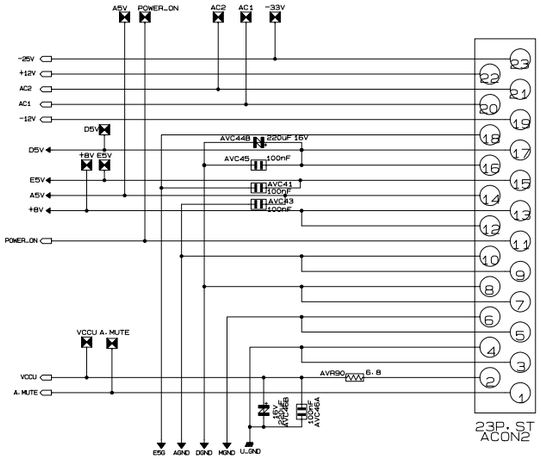
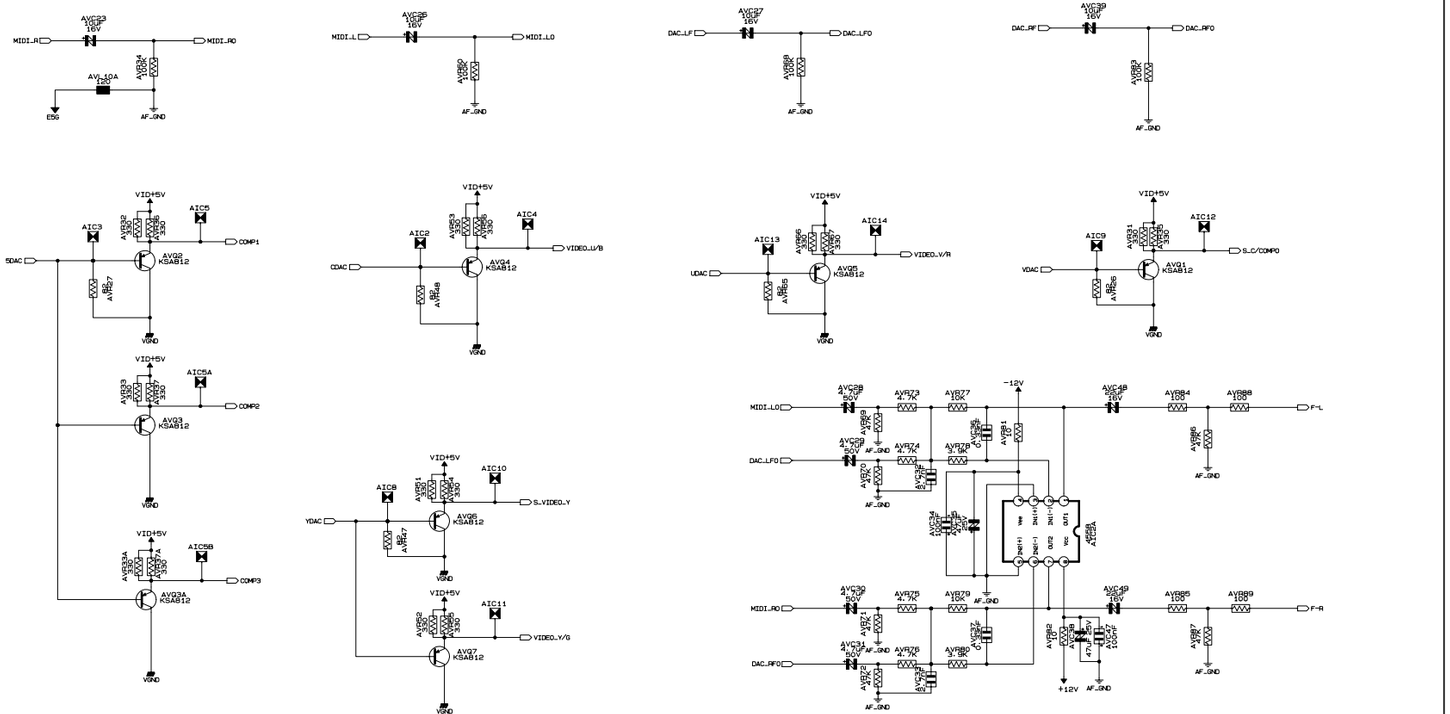
5-1 JACK

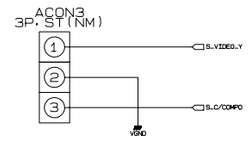

DVD-K100 JACK PART
D_OUT
JQ1 KTD1304
JQ2 KSR1103
JQ3 KSR1103
JQ4 KTD1304
JQ5 KTD1304
JQ7 KTD1304
JIC1 M74HC004
JIC4 PT2399
JIC6A 3.3V
Driver IC
TX LED
JCON4 21P
JCON3 SP. ST
JACK1 4P/2C
AV_SW1
AV_SW2
F-R
F-L
A. MUTE
+12V
-12V
M. MUTE
SCORE
CLOSEST TO JR53
CLOSEST TO JR49
COMP3
COMP2
VIDEO_U/B
VIDEO_V/R
VIDEO_Y/G
COMP1
MIC_SENS
MIC_IN
ECHO_VR
E5V
ASW1 KSA-2272AB

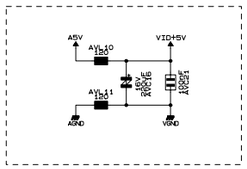


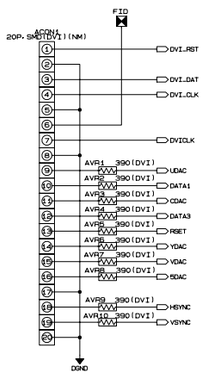


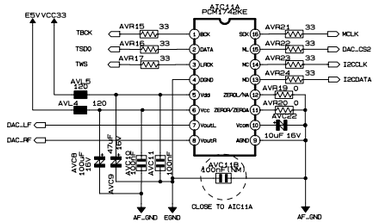


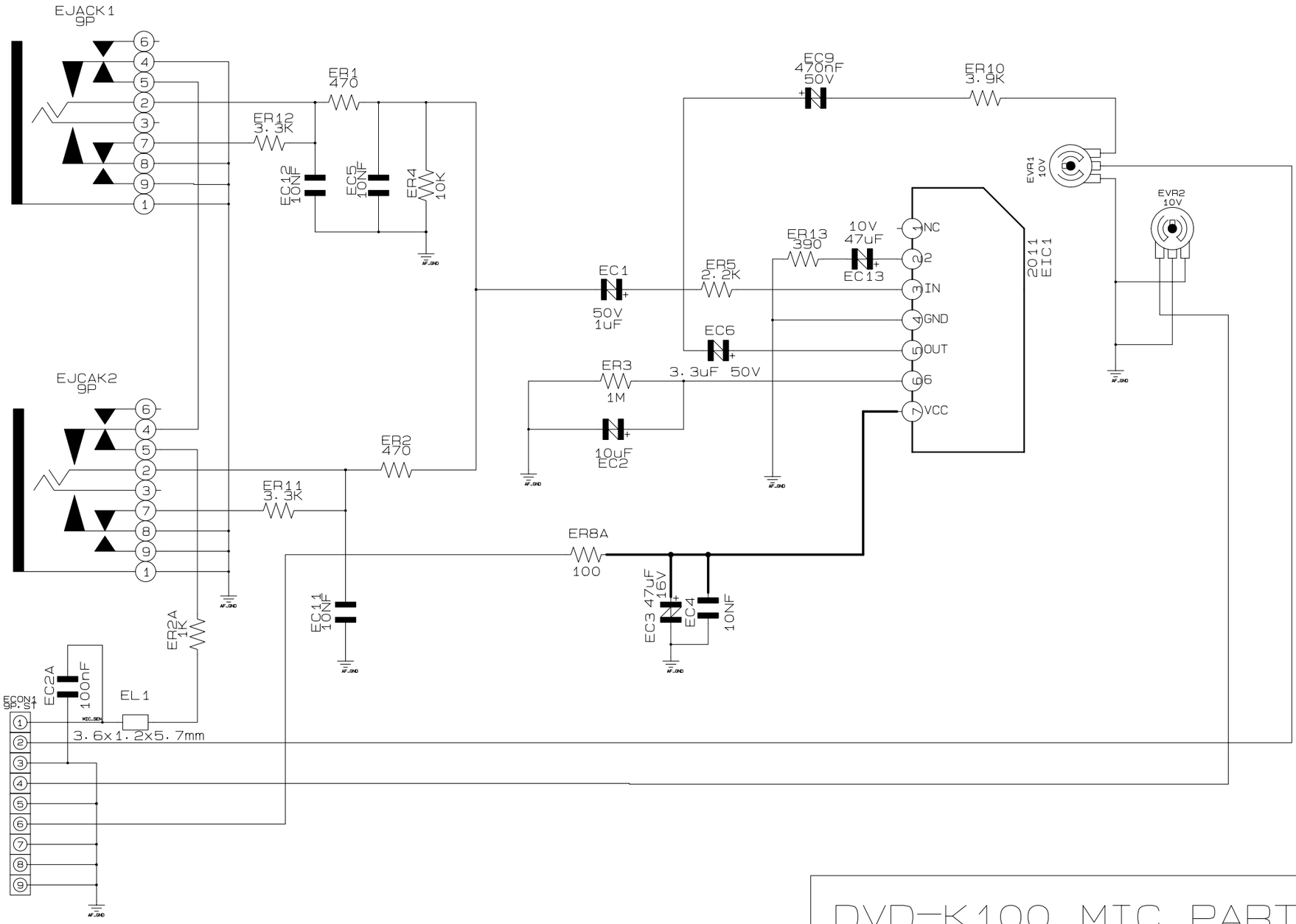






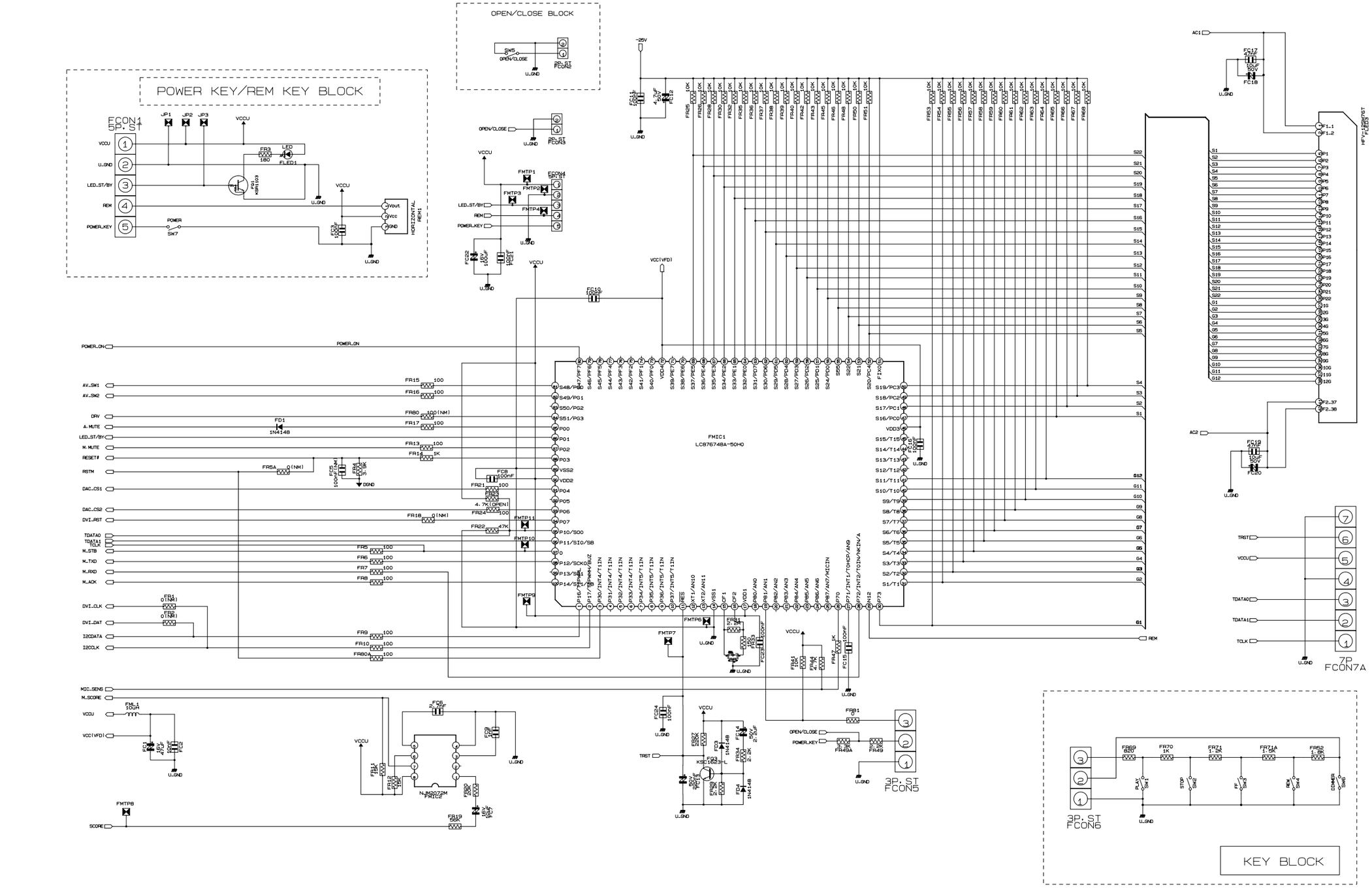


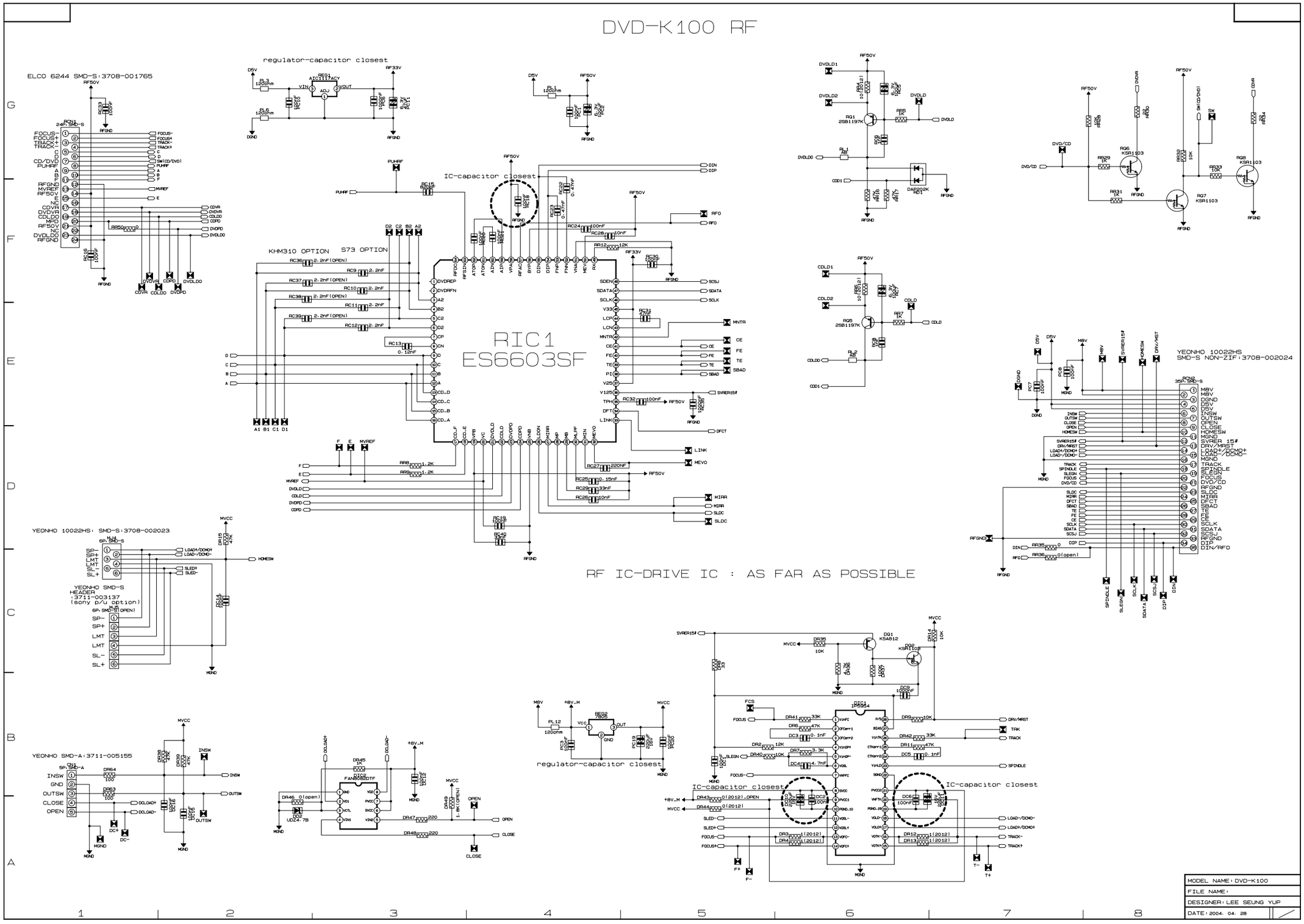


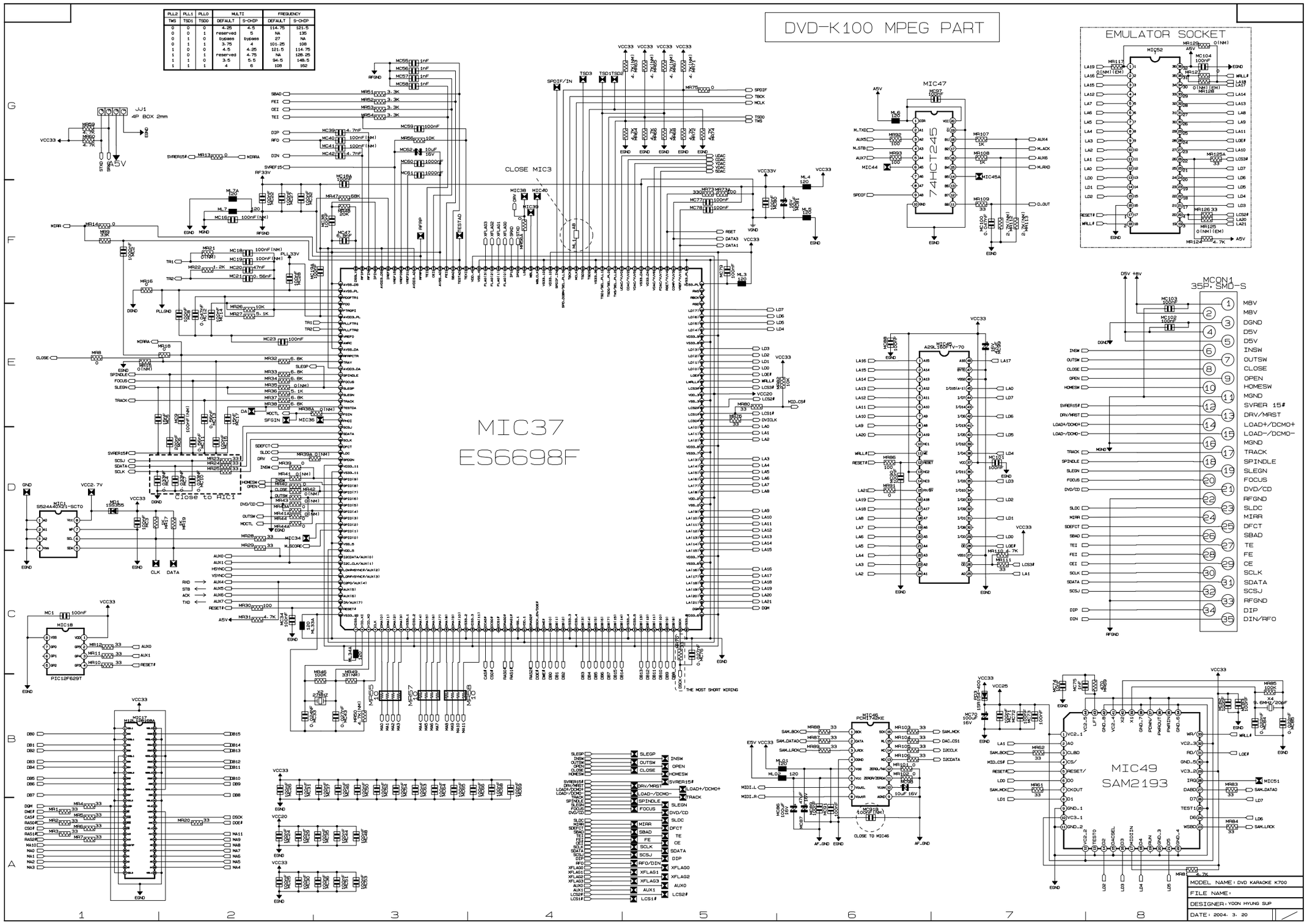


DVD-K100 MIC PART

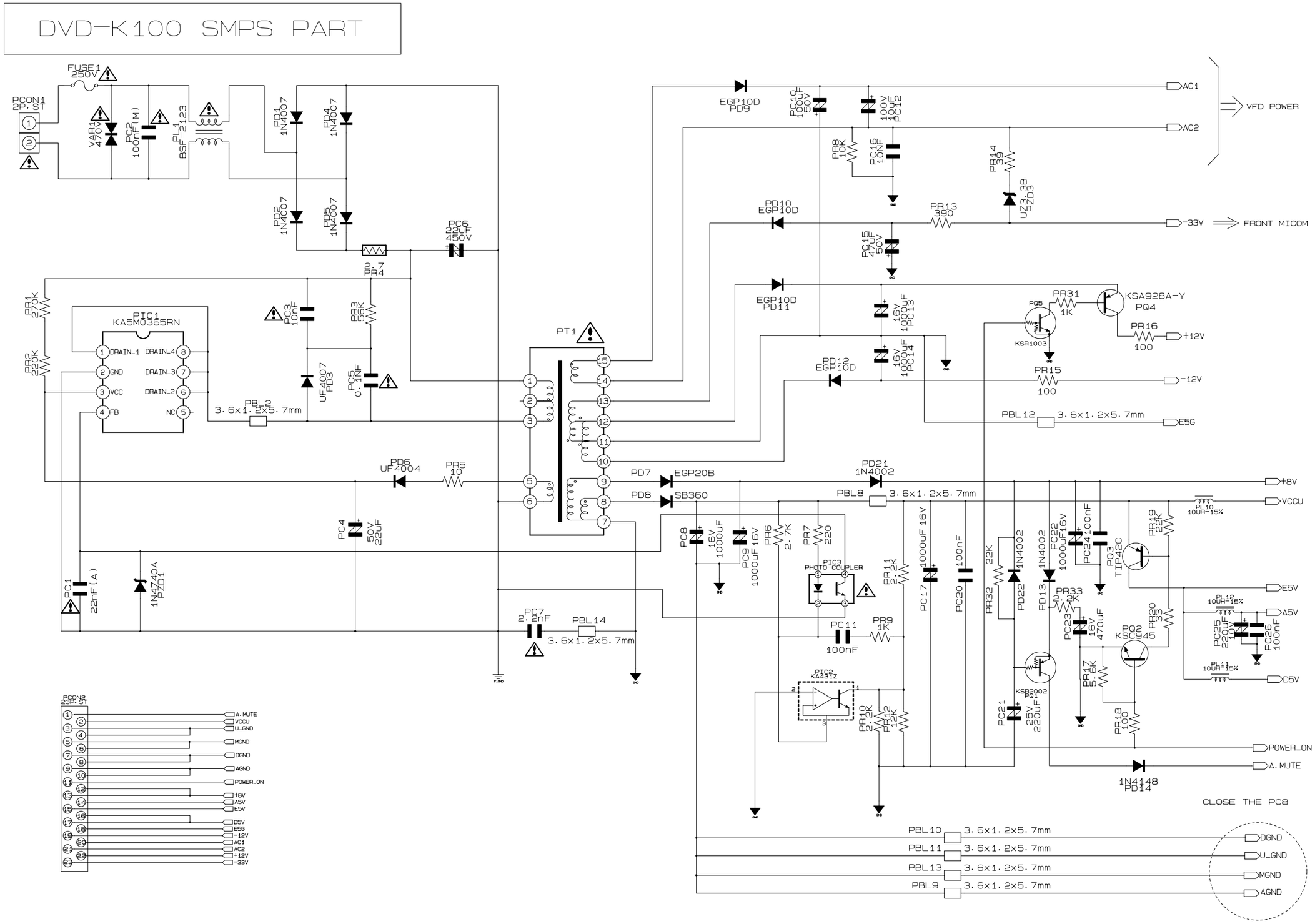
DVD-K100 FRONT MICOM PART




DVD-K100 RF
ELCO 6244 SMD-S:3708-001765
regulator-capacitor closest
IC-capacitor closest
KHM310 OPTION
S73 OPTION
RIC1
ES6603SF
RF IC-DRIVE IC : AS FAR AS POSSIBLE
YEONHO 10022HS SMD-S NON-ZIF:3708-002024
YEONHO 10022HS: SMD-S:3708-002023
YEONHO SMD-S HEADER :3711-003137 (sony p/u option)
YEONHO SMD-A:3711-005155
regulator-capacitor closest
IC-capacitor closest
IC-capacitor closest
MODEL NAME: DVD-K100
FILE NAME:
DESIGNER: LEE SEUNG YUP
DATE: 2004. 04. 28



PLL2	PLL1	PLL0	MULTI		FREQUENCY	
TMS	TSD1	TSD0	DEFAULT	S-CHIP	DEFAULT	S-CHIP
0	0	0	4.25	4.5	114.75	121.5
0	0	1	reserved	5	NA	135
0	1	0	bypass	bypass	27	NA
0	1	1	3.75	4	101.25	108
1	0	0	4.5	4.25	121.5	114.75
1	0	1	reserved	4.75	NA	128.25
1	1	0	3.5	5.5	94.5	148.5
1	1	1	4	6	108	162


DVD-K100 SMPS PART
FUSE1 250V
PCON1 2P. ST
VAR1 470V
PC2 100nF(M)
PL1 BSF-2123
PD1 1N4007
PD4 1N4007
PD2 1N4007
PD5 1N4007
PC6 470uF 50V
2.7 PR4
PR1 270K
PR2 220K
PIC1 KA5M0365RN
DRAIN_1
GND
VCC
FB
DRAIN_4
DRAIN_3
DRAIN_2
NC
PC3 10nF
PR3 56K
UF4007 PD3
PC5 0.1NF
PBL2 3.6x1.2x5.7mm
PT1
PD6 UF4004
PR5 10
PC4 50V 22uF
PC1 22nF(A)
1N4740A PZD1
PC7 2.2nF
PBL14 3.6x1.2x5.7mm
EGP10D PD9
PC10 100uF 50V
100V 10uF PC12
PR8 10K
PC16 1NF
PR14 39
UZ3.3B PZD3
PD10 EGP10D
PR13 390
PC15 47uF 50V
EGP10D PD11
PD12 EGP10D
16V 1000uF PC13
16V 1000uF PC14
PR31 1K
KSA928A-Y PQ4
PQ5
KSR1003
PR16 100
PR15 100
PBL12 3.6x1.2x5.7mm
PD7 EGP20B
PD8 SB360
PD21 1N4002
PBL8 3.6x1.2x5.7mm
PC8 16V 1000uF
PC9 1000uF 16V
PR6 2.7K
PR7 220
PIC3 PHOTO-COUPLER
PR11 2.2K
PC17 1000uF 16V
PC20 100nF
PR32 22K
PD22
PD13 1N4002
1N4002
PC22 1000uF16V
PC24 100nF
PQ3 TIP42C
PR19 22K
PC11 100nF
PR9 1K
PIC2 KA431Z
PR10 2.2K
PR12 12K
PC21 25V 220UF
KSB2002 PQ1
PR17 5.6K
PR18 100
PR33 2.2K
PC23 16V 470uF
PQ2 KSC1045
PR20 33
PC25 220uF 16V
PC26 100nF
PL12 10UH-15%
PL11 10UH-15%
PL10 10UH-15%
1N4148 PD14
PCON2 23P. ST
A.MUTE
VCCU
U_GND
MGND
DGND
AGND
POWER_ON
+8V
A5V
E5V
D5V
E5G
-12V
AC1
AC2
+12V
-33V
AC1
AC2
VFD POWER
-33V
FRONT MICOM
+12V
-12V
E5G
+8V
VCCU
E5V
A5V
D5V
POWER_ON
A.MUTE
CLOSE THE PC8
PBL10 3.6x1.2x5.7mm
PBL11 3.6x1.2x5.7mm
PBL13 3.6x1.2x5.7mm
PBL9 3.6x1.2x5.7mm
DGND
U_GND
MGND
AGND